

*Seq ID*  
a) administering the compound to a cell containing a cellular gene comprising the nucleic acid set forth in SEQ ID NO: 19, SEQ ID NO: 30, SEQ ID NO: 40, SEQ ID NO: 51, SEQ ID NO: 60, SEQ ID NO: 65, SEQ ID NO: 75, SEQ ID NO: 76, SEQ ID NO: 109 or SEQ ID NO: 122 or a homolog thereof, and functionally encoding a gene product necessary for reproduction of the virus in the cell but not necessary for survival of the cell;

*Beaceld.*  
b) contacting the cell with a virus;

c) detecting the level of viral infection;

d) associating the level of viral infection with the cellular gene of a), a decrease or elimination of viral infection associated with a cellular gene of a) indicating a compound effective for treating or preventing the viral infection.

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REMARKS

Claims 1-29 are pending in the present application. Claim 30 is added herein for clarity and to more particularly define the invention. New claim 30 is a screening claim that corresponds to originally filed claim 24 and therefore corresponds to the invention of Group IV. Support for new claim 30 can be found in claim 24 as originally filed, in the specification on page 5, lines 15-19 and elsewhere throughout the specification. Applicants believe that no new matter is being introduced by this new claim, and applicants respectfully request that the new claim be entered.

In response to the Notice to Comply With Requirements for Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures, enclosed herewith is a diskette containing the Sequence Listing in this application in computer readable form (CRF) and a paper copy of the Sequence Listing in compliance with 37 C.F.R. § 1.821-1.825. Applicants hereby certify that the information in the computer readable form on the diskette and in the hard copy of the Sequence Listing is the same and includes no new matter. The enclosed